Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp sa-filter in	ip msdp sa-filter in	**Command Syntax** **ip msdp sa-filter in** *peer_id* **list** *list_name* **no ip msdp sa-filter in** *peer_id* **default ip msdp sa-filter in** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *list_name* name of ACL that filters SA messages.
ip msdp sa-filter out	ip msdp sa-filter out	**Command Syntax** **ip msdp sa-filter out** *peer_id* **list** *list_name* **no ip msdp sa-filter out** *peer_id* **default ip msdp sa-filter out** *peer_id* **Parameters** • *peer_id* MSDP peer address (IPv4 address). • *list_name* name of ACL that filters SA messages.
ip msdp sa-limit	ip msdp sa-limit	**Command Syntax** **ip msdp sa-limit** *peer_id quantity* **no ip msdp sa-limit** *peer_id* **default ip msdp sa-limit** *peer_id* **Parameters** • *peer_id* MSDP peer (IPv4 address). • *quantity* maximum number of SA messages that the switch can store. Value ranges from 0 to 40000.

Appx63202

Appx63202

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip msdp shutdown	ip msdp shutdown	**Command Syntax** **ip msdp** *peer_id* **shutdown** **no ip msdp** *peer_id* **shutdown** **default ip msdp** *peer_id* **shutdown** **Parameters** • *peer_id* MSDP peer (IPv4 address).
ip msdp timer	ip msdp timer	**Command Syntax** **ip msdp timer** *connect_retry* **no ip msdp timer** *connect_retry* **default ip msdp timer** *connect_retry* **Parameters** • *connect_retry* Reconnect period (seconds). Value ranges from 1 to 65535. Default is 30.
ip multicast boundary	ip multicast boundary	**Command Syntax** **ip multicast boundary** ***SUB_NET*** [***TCAM***] **no ip multicast boundary** [***SUB_NET***] **default ip multicast boundary** [***SUB_NET***] **Parameters** • ***SUB_NET*** the subnet address configured as the multicast boundary. Options include: — *net_addr* multicast subnet address (CIDR or address mask). — *acl_name* standard access control list (ACL) that specifies the multicast group addresses. • ***TCAM*** specifies address inclusion in the routing table. Options include: — <no parameter> boundaries ((S,G) entries) are added to routing table. — **out** boundaries are not added to routing table.

Appx63203

Appx63203

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip multicast-routing	ip multicast-routing	**Command Syntax**
		`ip multicast-routing`
		`no ip multicast-routing`
		`default ip multicast-routing`

ip name-server	ip name-server	**Command Syntax**
		`ip name-server [VRF_INSTANCE] SERVER_1 [SERVER_2] [SERVER_3]`
		`no ip name-server [VRF_INSTANCE] [SERVER_1] [SERVER_2] [SERVER_3]`
		`default ip name-server [VRF_INSTANCE] [SERVER_1] [SERVER_2] [SERVER_3]`
		Parameters
		• *VRF_INSTANCE* specifies the VRF instance containing the addresses.
		— <no parameter> default VRF.
		— **vrf** *vrf_name* a user-defined VRF.
		• *SERVER_X* IP address of the name server (dotted decimal notation). Options include:
		— *ipv4_addr* (A.B.C.D)
		— *ipv6_addr* (A:B:C:D:E:F:G:H)
		A command can contain both (IPv4 and IPv6) address types.

Appx63204

Appx63204

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip nat pool	ip nat pool	**Command Syntax** **ip nat pool** *pool_name* [***ADDRESS_SPAN***] ***SUBNET_SIZE*** **no ip nat pool** *pool_name* **default ip nat pool** *pool_name* **Parameters** • *pool_name* name of the IP address pool. • ***ADDRESS_SPAN*** Options include: — *start_addr* The first IP address in the address pool (IPv4 addresses in dotted decimal notation). — *end_addr* The last IP address in the address pool. (IPv4 addresses in dotted decimal notation). • ***SUBNET_SIZE*** this functions as a sanity check to ensure it is not a network or broadcast network. Options include: — **netmask** *ipv4_addr* The netmask of the address pool's network (dotted decimal notation). — **prefix-length** <***0*** to ***32***> The number of bits of the netmask (of the address pool's network) that are ones (how many bits of the address indicate network).
ip nat translation tcp-timeout	ip nat translation tcp-timeout	**Command Syntax** **ip nat translation tcp-timeout** *period* **no ip nat translation tcp-timeout** **default ip nat translation tcp-timeout** **Parameters** • *period* Time-out period in seconds for port translations. Value ranges from ***0*** to ***4294967295***. Default value is 86400 (24 hours).

Appx63205

Appx63205

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip nat translation udp-timeout	ip nat translation udp-timeout	**Command Syntax**
		`ip nat translation udp-timeout` *`period`*
		`no ip nat translation udp-timeout`
		`default ip nat translation udp-timeout`
		Parameters
		• *period* Value ranges from 0 to 4294967295. Default value is 300 (5 minutes).

ip ospf authentication	ip ospf authentication	**Command Syntax**
		`ip ospf authentication` [***`METHOD`***]
		`no ip ospf authentication`
		`default ip ospf authentication`
		Parameters
		• ***METHOD*** OSPFv2 authentication method. Options include:
		— <no parameter>
		— **message-digest**

Appx63206

Appx63206

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf authentication-key	ip ospf authentication-key	**Command Syntax** **ip ospf authentication-key** [***ENCRYPT_TYPE***] *key_text* **no ip ospf authentication-key** **default ip ospf authentication-key** **Parameters** • ***ENCRYPT_TYPE*** encryption level of the *key_text* parameter. Values include: — <no parameter> the *key_text* is in clear text. — **0** *key_text* is in clear text. Equivalent to <no parameter>. — **7** *key_text* is MD5 encrypted. • *key_text* the authentication-key password.
ip ospf bfd	ip ospf bfd	**Command Syntax** **ip ospf bfd** **no ip ospf bfd** **default ip ospf bfd**
ip ospf cost	ip ospf cost	**Command Syntax** **ip ospf cost** *interface_cost* **no ip ospf cost** **default ip ospf cost** **Parameters** • *interface_cost* Value ranges from 1 to 65535; default is 10.

Appx63207

Appx63207

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf dead-interval	ip ospf dead-interval	**Command Syntax** **ip ospf dead-interval** *time* **no ip ospf dead-interval** **default ip ospf dead-interval** **Parameters** • *time* Value ranges from 1 to 8192; default is 40.
ip ospf hello-interval	ip ospf hello-interval	**Command Syntax** **ip ospf hello-interval** *time* **no ip ospf hello-interval** **default ip ospf hello-interval** **Parameters** • *time* hello interval (seconds). Values range from 1 to 8192; default is 10.

Appx63208

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf message-digest-key	ip ospf message-digest-key	**Command Syntax** **ip ospf message-digest-key** *key_id* **md5** ***ENCRYPT_TYPE*** *key_text* **no ip ospf message-digest-key** *key_id* **default ip ospf message-digest-key** *key_id* **Parameters** • *key_id* key ID number. Value ranges from 1 to 255. • ***ENCRYPT_TYPE*** encryption level of the *key_text* parameters. Values include: — <no parameter> — **0** *key_text* — **7** *key_text* • *key_text* message key (password).
ip ospf name-lookup	ip ospf name-lookup	**Command Syntax** **ip ospf name-lookup** **no ip ospf name-lookup** **default ip ospf name-lookup**
ip ospf network	ip ospf network	**Command Syntax** **ip ospf network point-to-point** **no ip ospf network** **default ip ospf network**

Appx63209

Appx63209

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf priority	ip ospf priority	**Command Syntax** **ip ospf priority** *priority_level* **no ip ospf priority** **default ip ospf priority** **Parameters** • *priority_level* priority level. Value ranges from 0 to 255. Default value is 1.
ip ospf retransmit-interval	ip ospf retransmit-interval	**Command Syntax** **ip ospf retransmit-interval** *period* **no ip ospf retransmit-interval** **default ip ospf retransmit-interval** **Parameters** • *period* retransmission interval (seconds). Value ranges from 1 to 8192; default is 5.
ip ospf shutdown	ip ospf shutdown	**Command Syntax** **ip ospf shutdown** **no ip ospf shutdown** **default ip ospf shutdown**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip ospf transmit-delay	ip ospf transmit-delay	**Command Syntax** **ip ospf transmit-delay** *trans* **no ip ospf transmit-delay** **default ip ospf transmit-delay** **Parameters** • *trans* LSA transmission delay (seconds). Value ranges from 1 to 8192; default is 1.
ip pim anycast-rp	ip pim anycast-rp	**Command Syntax** **ip pim anycast-rp** *rp_addr peer_addr* [***REGISTER***] **no ip pim anycast-rp** *rp_addr* [*peer_addr*] **default ip pim anycast-rp** *rp_addr* [*peer_addr*] **Parameters** • *rp_addr* Rendezvous point IP address (dotted decimal notation). • *peer_addr* IP address of an anycast-RP set member (dotted decimal notation). • ***REGISTER*** Number of unacknowledged register messages the switch sends to the peer router. — <No parameter> register count is set to default value of 10. — **register-count** *r_num* where *r_num* is an integer that ranges from 1 to 4294967295. — **register-count infinity**
ip pim bfd	ip pim bfd	**Command Syntax** **ip pim bfd** **no ip pim bfd** **default ip pim bfd**

Appx63211

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim bfd-instance	ip pim bfd-instance	**Command Syntax**
		`ip pim bfd-instance`
		`no ip pim bfd-instance`
		`default ip pim bfd-instance`

ip pim bsr-border	ip pim bsr-border	**Command Syntax**
		`ip pim bsr-border`
		`no ip pim bsr-border`
		`default ip pim bsr-border`

Appx63212

Appx63212

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim bsr-candidate	ip pim bsr-candidate	**Command Syntax**
		`ip pim bsr-candidate INTERFACE [HASHMASK_LENGTH] [INTERVAL_PERIOD] [PRIORITY_NUM]`
		`no ip pim bsr-candidate [priority] [interval]`
		`default ip pim bsr-candidate [priority] [interval]`
		Parameters
		• *INTERFACE* Switch uses IP address of specified interface as its BSR address. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		• *HASHMASK_LENGTH* Length (in bits) of the hash mask.
		— <no parameter> hash mask remains unchanged from previous setting.
		— **hashmask** *<0 - 32>* hash mask length (in bits). Default value is 30.
		• *INTERVAL_PERIOD* Period between the transmission of BSMs (seconds). Default value is 60.
		— <no parameter> interval remains unchanged from previous setting.
		— **interval** *<10 - 536870906>* transmission interval in seconds.
		• *PRIORITY_NUM* BSR election priority rating. Larger numbers denote higher priority. Default value is 64.
		— <no parameter> priority remains unchanged from previous setting.
		— **priority** *<0 - 255>* priority rating.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim dr-priority	ip pim dr-priority	**Command Syntax** **ip pim dr-priority** *level* **no ip pim dr-priority** [*level*] **default ip pim dr-priority** [*level*] **Parameters** • *level* DR selection priority rating. Value ranges from 0 to 4294967295.
ip pim log-neighbor-changes	ip pim log-neighbor-changes	**Command Syntax** **ip pim log-neighbor-changes** **no ip pim log-neighbor-changes** **default ip pim log-neighbor-changes**
ip pim neighbor-filter	ip pim neighbor-filter	**Command Syntax** **ip pim neighbor-filter** *access_list* **no ip pim neighbor-filter** **default ip pim neighbor-filter** **Parameters** • *access_list* name of the standard IP access list.

Appx63214

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim query-interval	ip pim query-interval	**Command Syntax** **ip pim query-interval** *period* **no ip pim query-interval** [*period*] **default ip pim query-interval** [*period*] **Parameters** • *period* query interval (seconds). Value ranges from 1 to 1000000 (1 million). Default is 30.
ip pim register-source	ip pim register-source	**Command Syntax** **ip pim register-source** ***INT_NAME*** **no ip pim register-source** **default ip pim register-source** **Parameters** • ***INT_NAME*** Interface type and number. Values include: — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*.

Appx63215

Appx63215

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip pim rp-address	ip pim rp-address	**Command Syntax** **ip pim rp-address** *rp_addr* [***MULTICAST_SUBNET***] [***HASHMASK_LENGTH***] [***BSR_OVERRIDE***] [***PRIORITY_NUM***] **no ip pim rp-address** *rp_addr* [***MULTICAST_SUBNET***] **default ip pim rp-address** *rp_addr* [***MULTICAST_SUBNET***] **Parameters** • *rp_addr* Rendezvous point IP address (dotted decimal notation). • ***MULTICAST_SUBNET*** Multicast IP address space (CIDR or address-mask). — <no parameter> Default multicast group IP address of 224/4. — *gp_addr* Multicast group IP address (CIDR or address-mask). — **access-list** *acl_name* Standard access control list that specifies the multicast group address. — *acl_name* Standard access control list that specifies the multicast group address. • ***HASHMASK_LENGTH*** Length (in bits) of the hash mask. — <no parameter> hash mask remains unchanged from previous setting. — **hashmask** <***0 - 32***> hash mask length (in bits). Default value is 30. • ***BSR_OVERRIDE*** Configures priority relative to dynamic RPs selected by BSR. — <no parameter> Dynamic RPs have priority over specified RP. — **override** RP has priority over dynamic RPs. • ***PRIORITY_NUM*** BSR election priority rating. Larger numbers denote higher priority. Default value is 64. — <no parameter> priority remains unchanged from previous setting. — **priority** <***0 - 255***> priority rating.

Appx63216

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim rp-candidate	ip pim rp-candidate	**Command Syntax**
		The *INTERFACE* parameter is always listed first. All other parameters can be placed in any order.
		`ip pim rp-candidate INTERFACE [GROUP_ADDR] [PRIORITY_NUM] [INTERVAL_PERIOD]`
		`no ip pim rp-candidate [INTERFACE] [GROUP_ADDR]`
		`no ip pim rp-candidate [INTERFACE] interval`
		`no ip pim rp-candidate [INTERFACE] priority`
		`default ip pim rp-candidate [INTERFACE] [GROUP_ADDR]`
		`default ip pim rp-candidate [INTERFACE] interval`
		`default ip pim rp-candidate [INTERFACE] priority`
		Parameters
		• *INTERFACE* Switch uses IP address of specified interface as its C-RP address. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		• *GROUP_ADDR* address of multicast group for which candidate is configured. Options include:
		— <no parameter> default multicast group (224.0.0.0/4).
		— *net_addr* multicast IPv4 subnet address (CIDR or address mask).
		— **access-list** *acl_name* standard access control list that specifies the multicast group address.
		• *PRIORITY_NUM* RP selection priority rating. Smaller numbers denote higher priority.
		— <no parameter> priority rating is set to the default value of 0.
		— **priority** *<0 - 255>* priority rating.

Appx63217

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• ***INTERVAL_NUM*** Period between consecutive RP-advertisement message transmissions (seconds). Value also applies to previously configured rp-candidate statements. — <no parameter> interval remains unchanged from previous setting. — **interval** *<10 - 16383>* transmission interval.

ip pim sparse-mode	ip pim sparse-mode	**Command Syntax**
		`ip pim sparse-mode`
		`no ip pim`
		`no ip pim sparse-mode`
		`default ip pim`
		`default ip pim sparse-mode`

ip pim spt-threshold	ip pim spt-threshold	**Command Syntax**
		`ip pim spt-threshold JOIN`
		`no ip pim spt-threshold`
		`default ip pim spt-threshold`
		Parameters
		• ***JOIN*** specifies switch's use of the short path tree (SPT). Options include:
		— **0** The switch immediately joins the SPT. This is the default value.
		— **infinity** The switch never joins the SPT.

Appx63218

Appx63218

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip pim spt-threshold group-list	ip pim spt-threshold group-list	**Command Syntax**
		`ip pim spt-threshold JOIN group-list acl_name`
		`no ip pim spt-threshold JOIN group-list acl_name`
		`default ip pim spt-threshold JOIN group-list acl_name`
		Parameters
		• *JOIN* specifies switch's use of the short path tree (SPT) for specified groups. Options include:
		— **0** The switch immediately joins the SPT. This is the default value.
		— **infinity** The switch never joins the SPT.
		• *acl_name* name of access control list.

ip pim ssm range	ip pim ssm range	**Command Syntax**
		`ip pim ssm range [ACCESS_RANGE]`
		`no ip pim ssm range`
		`default ip pim ssm range`
		Parameters
		• *ACCESS_RANGE* specifies the SSM IP multicast address range. Options include:
		— *acl_name* sets the SSM range to address set specified by the standard ACL.
		— **standard** sets the SSM range to 232/8.

Appx63219

Appx63219

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip prefix-list	ip prefix-list	**Command Syntax** **ip prefix-list** *list_name* [***SEQUENCE***] ***FILTER_TYPE*** *network_addr* [***MASK***] **no ip prefix-list** *list_name* [***SEQUENCE***] **default ip prefix-list** *list_name* [***SEQUENCE***] **Parameters** • *list_name* The label that identifies the prefix list. • ***SEQUENCE*** Sequence number of the prefix list entry. Options include — <no parameter> entry's number is ten plus highest sequence number in current list. — **seq** *seq_num* number assigned to entry. Value ranges from 0 to 65535. • ***FILTER_TYPE*** specifies route access when it matches IP prefix list. Options include: — **permit** routes are permitted access when they match the specified subnet. — **deny** routes are denied access when they match the specified subnet. • *network_addr* Subnet upon which command filters routes. Format is CIDR or address-mask. • ***MASK*** rrange of the prefix to be matched. — <no parameter> exact match with the subnet mask is required. — **eq** *mask_e* prefix length is equal to *mask_e*. — **ge** *mask_g* range is from *mask_g* to 32. — **le** *mask_l* range is from *subnet* mask length to *mask_l*. — **ge** *mask_l* **le** *mask_g* range is from *mask_g* to *mask_l*. *mask_e*, *mask_l* and *mask_g* range from 1 to 32. when **le** and **ge** are specified, *subnet* mask > *mask_g*>*mask_l*

Appx63220

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip protocol	ip protocol (Monitor Reachability Probe Transmitter)	**Command Syntax**
		`ip protocol PROT_TYPE`
		`no ip protocol`
		`default ip protocol`
		Parameters
		• *PROT_TYPE* Specifies the IP protocol. Options include:
		— **tcp** TCP packets.
		— **udp** UDP packets.

ip proxy-arp	ip proxy-arp	**Command Syntax**
		`ip proxy-arp`
		`no ip proxy-arp`
		`default ip proxy-arp`

Appx63221

Appx63221

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip radius source-interface	ip radius source-interface	**Command Syntax**
		`ip radius [VRF_INST] source-interface INT_NAME`
		`no ip radius [VRF_INST] source-interface`
		`default ip radius [VRF_INST] source-interface`
		Parameters
		• *VRF_INST* specifies the VRF instance used to communicate with the specified server.
		— <no parameter> switch communicates with the server using the default VRF.
		— **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF.
		• *INT_NAME* Interface type and number. Options include:
		— **interface ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **interface loopback** *l_num* Loopback interface specified by *l_num*.
		— **interface management** *m_num* Management interface specified by *m_num*.
		— **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*.
		— **interface vlan** *v_num* VLAN interface specified by *v_num*.

ip rip v2-broadcast	ip rip v2-broadcast	**Command Syntax**
		`ip rip v2-broadcast`
		`no ip rip v2-broadcast`
		`default ip rip v2-broadcast`

Appx63222

Appx63222

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ip route	ip route	**Command Syntax**
		`ip route [VRF_INSTANCE] dest_net NEXTHOP [DISTANCE] [TAG_OPTION] [RT_NAME]`
		`no ip route [VRF_INSTANCE] dest_net [NEXTHOP] [DISTANCE]`
		`default ip route [VRF_INSTANCE] dest_net [NEXTHOP] [DISTANCE]`
		Parameters
		• *VRF_INSTANCE* Specifies the VRF instance being modified.
		— <no parameter> Changes are made to the default VRF.
		— **vrf** *vrf_name* Changes are made to the specified VRF.
		• *dest_net* Destination IPv4 subnet (CIDR or address-mask notation).
		• *NEXTHOP* Location or access method of next hop device. Options include:
		— *ipv4_addr* An IPv4 address.
		— **null0** Null0 interface.
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		• *DISTANCE* Administrative distance assigned to route. Options include:
		— <no parameter> Route assigned default administrative distance of one.
		— <1-255> The administrative distance assigned to route.
		• *TAG_OPTION* static route tag. Options include:
		— <no parameter> Assigns default static route tag of 0.
		— **tag** *t_value* Static route tag value. *t_value* ranges from ***0*** to ***4294967295***.

Appx63223

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• ***RT_NAME*** Associates descriptive text to the route. Options include: — <no parameter> No text is associated with the route. — **name** *descriptive_text* The specified text is assigned to the route.

ip routing	ip routing	**Command Syntax**
		`ip routing [VRF_INSTANCE]`
		`no ip routing [DELETE_ROUTES] [VRF_INSTANCE]`
		`default ip routing [DELETE_ROUTES] [VRF_INSTANCE]`
		Parameters
		• ***DELETE_ROUTES*** Resolves routing table static entries when routing is disabled.
		— <no parameter> Routing table retains static entries.
		— **delete-static-routes** Static entries are removed from the routing table.
		• ***VRF_INSTANCE*** specifies the VRF instance being modified.
		— <no parameter> changes are made to the default VRF.
		— **vrf** *vrf_name* changes are made to the specified user-defined VRF.

Appx63224

Appx63224

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ip tacacs source-interface	ip tacacs source-interface	**Command Syntax** **ip tacacs** [***VRF_INST***] **source-interface** ***INT_NAME*** **no ip tacacs** [***VRF_INST***] **source-interface** **default ip tacacs** [***VRF_INST***] **source-interface** **Parameters** • *VRF_INST* specifies the VRF instance used to communicate with the specified server. — <no parameter> switch communicates with the server using the default VRF. — **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF. • *INT_NAME* Interface type and number. Options include: — **interface ethernet** *e_num* Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Loopback interface specified by *l_num*. — **interface management** *m_num* Management interface specified by *m_num*. — **interface port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*.
ipv6 access-list	ipv6 access-list	**Command Syntax** **ipv6 access-list** *list_name* **no ipv6 access-list** *list_name* **default ipv6 access-list** *list_name* **Parameters** • *list_name* Name of ACL. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.

Appx63225

Appx63225

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 address	ipv6 address	**Command Syntax** **ipv6 address** *ipv6_prefix* **no ipv6 address** [*ipv6_prefix*] **default ipv6 address** [*ipv6_prefix*] **Parameters** • *ipv6_prefix* address assigned to the interface (CIDR notation).
ipv6 dhcp relay destination	ipv6 dhcp relay destination	**Command Syntax** **ipv6 dhcp relay destination** *ipv6_addr* **no ipv6 dhcp relay destination** [*ipv6_addr*] **default ipv6 dhcp relay destination** [*ipv6_addr*] **Parameters** • *ipv6_addr* DCHP Server's IPv6 address.
ipv6 enable	ipv6 enable	**Command Syntax** **ipv6 enable** **no ipv6 enable** **default ipv6 enable**

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 host	ipv6 host	**Command Syntax** **ipv6 host** *hostname hostadd_1* [*hostadd_2*] ... [*hostadd_X*] **no ipv6 host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **default ipv6 host** [*hostname*] [*hostadd_1*] [*hostadd_2*] [*hostadd_X*] **Parameters** • *hostname* hostname (text). • *hostadd_N* IPv6 addresses associated with hostname (dotted decimal notation).
ipv6 access-group	ipv6 access-group	**Command Syntax** **ipv6 access-group** *list_name* ***DIRECTION*** **no ipv6 access-group** *list_name* ***DIRECTION*** **default ipv6 access-group** *list_name* ***DIRECTION*** **Parameters** • *list_name* name of ACL assigned to interface. • ***DIRECTION*** transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets. — **out** outbound packets.
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	**Command Syntax** **ipv6 nd managed-config-flag** **no ipv6 nd managed-config-flag** **default ipv6 nd managed-config-flag**

Appx63227

Appx63227

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ns-interval	ipv6 nd ns-interval	**Command Syntax** **ipv6 nd ns-interval** *period* **no ipv6 nd ns-interval** **default ipv6 nd ns-interval** **Parameters** • *period* interval in milliseconds between successive IPv6 neighbor solicitation transmissions. Values range from 1000 to 4294967295. The default period is 1000 milliseconds.
ipv6 nd other-config-flag	ipv6 nd other-config-flag	**Command Syntax** **ipv6 nd other-config-flag** **no ipv6 nd other-config-flag** **default ipv6 nd other-config-flag**

Appx63228

Appx63228

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd prefix	ipv6 nd prefix	**Command Syntax** **ipv6 nd prefix** *ipv6_prefix* ***LIFETIME*** **[*FLAGS*]** **ipv6 nd prefix** *ipv6_prefix* **no-advertise** **no ipv6 nd prefix** *ipv6_prefix* **default ipv6 nd prefix** *ipv6_prefix* **Parameters** • *ipv6_prefix* IPv6 prefix (CIDR notation). • **no-advertise** Prevents advertising of the specified prefix. • ***LIFETIME*** Period that the specified IPv6 prefix is advertised (seconds). Options include — *valid preferred* Two values that set the ***valid*** and ***preferred*** lifetime periods. — *valid* One value that sets the ***valid*** lifetime. The ***preferred*** lifetime is set to the default value. — <no parameter> The ***valid*** and ***preferred*** lifetime periods are set to their default values. Options for *valid*: ***<0*** to ***4294967295***> and **infinite**. Default value is 2592000 Options for *preferred*: ***<0*** to ***4294967295***> and **infinite**. Default value is 604800 The maximum value (***4294967295***) and **infinite** are equivalent settings. • ***FLAGS*** ***on-link*** and ***autonomous address-configuration*** flag values in RAs. — <no parameter> both flags are set. — **no-autoconfig** ***autonomous address-configuration*** flag is reset. — **no-onlink** ***on-link*** flag is reset. — **no-autoconfig no-onlink** both flags are reset. — **no-onlink no-autoconfig** both flags are reset.

Appx63229

Appx63229

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ra interval	ipv6 nd ra interval	**Command Syntax** **`ipv6 nd ra interval`** [***`SCALE`***] *ra_period* [*minimum_period*] **`no ipv6 nd ra interval`** **`default ipv6 nd ra interval`** **Parameters** • *SCALE* timescale in which command parameter values are expressed. — <no parameter> seconds — **msec** milliseconds • *ra_period* maximum interval between successive IPv6 RA transmissions. The default period is 200 seconds. — *<4 - 1800>* valid range when **scale** is set to default value (seconds). — *<500 - 1800000>* valid range when **scale** is set to *msec*. • *minimum_period* minimum interval between successive IPv6 RA transmissions. Must be smaller than *ra_period*. By default, a minimum period is not defined. — <no parameter> Command does not specify a minimum period. — *<3 - 1799>* valid range when **scale** is set to default value (seconds). — *<375 - 1799999>* valid range when **scale** is set to *msec*.

Appx63230

Appx63230

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 nd ra lifetime	ipv6 nd ra lifetime	**Command Syntax** **ipv6 nd ra lifetime** *ra_lifetime* **no ipv6 nd ra lifetime** **default ipv6 nd ra lifetime** **Parameters** • *ra_lifetime* router lifetime period (seconds). Default value is 1800. Options include — *<0>* Router should not be considered as a default router — ***<1 - 65535>*** Lifetime period advertised in RAs. Should be greater than or equal to the interval between IPv6 RA transmissions from the configuration mode interface as set by the **ipv6 nd ra interval** command.
ipv6 nd ra suppress	ipv6 nd ra suppress	**Command Syntax** **ipv6 nd ra suppress** *[SCOPE]* **no ipv6 nd ra suppress** **default ipv6 nd ra suppress**
ipv6 nd reachable-time	ipv6 nd reachable-time	**Command Syntax** **ipv6 nd reachable-time** *period* **no ipv6 nd reachable-time** **default ipv6 nd reachable-time** **Parameters** • *period* Reachable time value (milliseconds). Value ranges from ***0*** to ***4294967295***. Default is **0**.

Appx63231

Appx63231

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ipv6 nd router-preference	ipv6 nd router-preference	**Command Syntax**
		`ipv6 nd router-preference RANK`
		`no ipv6 nd router-preference`
		`default ipv6 nd router-preference`
		Parameters
		• *RANK* Router preference value. Options include:
		— **high**
		— **low**
		— **medium**

ipv6 neighbor	ipv6 neighbor	**Command Syntax**
		`ipv6 neighbor ipv6_addr PORT mac_addr`
		`no ipv6 neighbor ipv6_address PORT`
		`default ipv6 neighbor ipv6_addr PORT`
		Parameters
		• *ipv6_addr* Neighbor's IPv6 address.
		• *PORT* Interface through which the neighbor is accessed. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* Loopback interface specified by *l_num*.
		— **management** *m_num* Management interface specified by *m_num*.
		— **port-channel** *p_num* Port-channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.
		— **vxlan** *vx_num* VXLAN interface specified by *vx_num*.
		• *mac_addr* Neighbor's data-link (hardware) address. (48-bit dotted hex notation – H.H.H).

Appx63232

Appx63232

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf area	ipv6 ospf area	**Command Syntax** **ipv6 ospf** *process_id* **area** *area_id* **no ipv6 ospf** process_id [**area** *area_id*] **default ipv6 ospf** *process_id* [**area** *area_id*] **Parameters** • *process_id* Values range from 1 to 65535. • *area_id* Valid formats: integer <**0** to **4294967295**> or dotted decimal <**0.0.0.0** to **255.255.255.255**> ***Running-config*** stores value in dotted decimal notation.
ipv6 ospf cost	ipv6 ospf cost	**Command Syntax** **ipv6 ospf cost** *interface_cost* **no ipv6 ospf cost** **default ipv6 ospf cost** **Parameters** • *interface_cost* Value ranges from 1 to 65535; default is 10.
ipv6 ospf dead-interval	ipv6 ospf dead-interval	**Command Syntax** **ipv6 ospf dead-interval** *time* **no ipv6 ospf dead-interval** **default ipv6 ospf dead-interval** **Parameters** • *time* Value ranges from 1 to 65535; default is 40.

Appx63233

Appx63233

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf hello-interval	ipv6 ospf hello-interval	**Command Syntax** **ipv6 ospf hello-interval** *time* **no ipv6 ospf hello-interval** **default ipv6 ospf hello-interval** **Parameters** • *time* Values range from 1 to 65535; default is 10.
ipv6 ospf network	ipv6 ospf network	**Command Syntax** **ipv6 ospf network point-to-point** **no ipv6 ospf network** **default ipv6 ospf network**
ipv6 ospf priority	ipv6 ospf priority	**Command Syntax** **ipv6 ospf priority** *priority_level* **no ipv6 ospf priority** **default ipv6 ospf priority** **Parameters** • *priority_level* Settings range from 0 to 255.

Appx63234

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval	**Command Syntax** **ipv6 ospf retransmit-interval** *period* **no ipv6 ospf retransmit-interval** **default ipv6 ospf retransmit-interval** **Parameters** • *period* Value ranges from 1 to 65535; default is 5.
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay	**Command Syntax** **ipv6 ospf transmit-delay** *trans* **no ipv6 ospf transmit-delay** **default ipv6 ospf transmit-delay** **Parameters** • *trans* Value ranges from 1 to 65535; default is 1.
ipv6 prefix-list	ipv6 prefix-list	**Command Syntax** **ipv6 prefix-list** *list_name* **no ipv6 prefix-list** *list_name* **default ipv6 prefix-list** *list_name* **Parameters** • *list_name* Name of prefix list. Must begin with an alphabetic character. Cannot contain spaces or quotation marks.

Appx63235

Appx63235

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 route	ipv6 route	**Command Syntax** **ipv6 route** *dest_prefix* ***NEXTHOP*** [***DISTANCE***] [***TAG_OPT***] [***RT_NAME***] **no ipv6 route** *dest_prefix* [*nexthop_addr*] [***DISTANCE***] **default ipv6 route** *dest_prefix* [*nexthop_addr*] [***DISTANCE***] **Parameters** • *dest_prefix* destination IPv6 prefix (CIDR notation). • ***NEXTHOP*** Access method of next hop device. Options include: — **null0** Null0 interface – route is dropped. — *nexthop_addr* IPv6 address of nexthop device. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-channel interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. — **vxlan** *vx_num* VXLAN interface specified by *vx_num*. — **ethernet** *e_num nexthop_addr* Combination route (Ethernet interface and gateway). — **loopback** *l_num nexthop_addr* Combination route (loopback interface and gateway). — **management** *m_num nexthop_addr* Combination route (management interface and gateway).

Appx63236

Appx63236

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— **port-channel** *p_num nexthop_addr* Combination route (port channel interface and gateway). — **vlan** *v_num nexthop_addr* Combination route (VLAN interface and gateway). — **vxlan** *vx_num nexthop_addr* Combination route (VXLAN interface and gateway) • ***DISTANCE*** administrative distance assigned to route. Options include: — <no parameter> route assigned default administrative distance of one. — <***1*** to ***255***> The administrative distance assigned to route. • ***TAG_OPT*** static route tag. Options include: — <no parameter> assigns default static route tag of 0. — **tag** <***0*** to ***4294967295***> Static route tag value. • ***RT_NAME*** Associates descriptive text to the route. Options include: — <no parameter> No text is associated with the route. — **name** *descriptive_text* The specified text is assigned to the route.
ipv6 router ospf	ipv6 router ospf	**Command Syntax** **ipv6 router ospf** *process_id* **no router ospf** *process_id* **default router ospf** *process_id* **Parameters** • *process_id* Values range from 1 to 65535.

Appx63237

Appx63237

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ipv6 unicast-routing	ipv6 unicast-routing	**Command Syntax** **ipv6 unicast-routing** **no ipv6 unicast-routing** [***DELETE_ROUTES***] **default ipv6 unicast-routing** [***DELETE_ROUTES***] **Parameters** • ***DELETE_ROUTES*** Resolves routing table static entries when routing is disabled. — <no parameter> Routing table retains static entries. — **delete-static-routes** Static entries are removed from the routing table.
isis hello-interval	isis hello-interval	**Command Syntax** **isis hello-interval** *time* **no isis hello-interval** **default isis hello-interval** **Parameters** • *time* Values range from 1 to 300; default is 10.
isis hello-multiplier	isis hello-multiplier	**Command Syntax** **isis hello-multiplier** *factor* **no isis hello-multiplier** **default isis hello-multiplier** **Parameters** • *factor* Values range from 3 to 100; default is 3

Appx63238

Appx63238

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
isis lsp-interval	isis lsp-interval	**Command Syntax** **isis lsp-interval** *period* **no isis lsp-interval** **default isis lsp-interval** **Parameters** • *period* Value ranges from 1 through 3000. Default interval is 33 ms.
isis metric	isis metric	**Command Syntax** **isis metric** *metric_cost* **no isis metric** **default isis metric** **Parameters** • *metric_cost* Values range from 1 to 1677214. Default value is 10.
isis passive	isis passive	**Command Syntax** **isis passive** **no isis passive** **default isis passive**

Appx63239

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

isis passive interface	passive-interface (IS-IS)	**Command Syntax**
		`passive-interface INTERFACE_NAME`
		`no passive-interface INTERFACE_NAME`
		`default passive-interface INTERFACE_NAME`
		Parameters
		• *INTERFACE_NAME* Options include:
		— **ethernet** *e_range* Ethernet interface list.
		— **loopback** *l_range* Loopback interface list.
		— **port-channel** *p_range* Channel group interface list.
		— **vlan** *v_range* VLAN interface list.
		Valid *e_range*, *l_range*, *p_range*, and *v_range* formats include number, range, or comma-delimited list of numbers and ranges.

isis priority	isis priority	**Command Syntax**
		`isis priority priority_level`
		`no isis priority`
		`default isis priority`
		Parameters
		• *priority_level* Value ranges from 0 to 127. Default value is 64.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
is-type	is-type	**Command Syntax** `is-type LAYER_VALUE` **Parameters** • *LAYER_VALUE* layer value.Options include: — **level-1** — **level-2**

lacp port-priority	lacp port-priority	**Command Syntax**
		`lacp port-priority priority_value`
		`no lacp port-priority`
		`default lacp port-priority`
		Parameters
		• *priority_level* port priority. Values range from 0 to 65535. Default is 32768

lacp rate	lacp rate	**Command Syntax**
		`lacp rate RATE_LEVEL`
		`no lacp rate`
		`default lacp rate`
		Parameters
		• *RATE_LEVEL* LACP transmission interval . Options include:
		— **fast** one second.
		— **normal** 30 seconds for synchronized interfaces; one second while interfaces synchronize.

Appx63241

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
lacp system-priority	lacp system-priority	**Command Syntax** **lacp system-priority** *priority_value* **no lacp system-priority** **default lacp system-priority** **Parameters** • *priority_value* system priority number. Values range from 0 to 65535. Default is 32768.
link state group	link state group	**Command Syntax** **link state group** *group_name* ***DIRECTION*** **no link state group** [*group_name*] **default link state group** [*group_name*] **Parameters** • *group_name* link state tracking group name. • ***DIRECTION*** position of the interface in the link-state group. Valid options include: — **upstream** — **downstream**
link state track	link state track	**Command Syntax** **link state track** *group_name* **no link state track** *group_name* **default link state track** *group_name* **Parameters** • *group_name* link-state group name.

Appx63242

Appx63242

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
lldp holdtime	lldp holdtime	**Command Syntax** **lldp holdtime** *period* **no lldp holdtime** **default lldp holdtime** **Parameters** • *period* The amount of time a receiving device should hold LLDPDU information before discarding it. Value ranges from 10 to 65535 second; default value is 120 seconds.
lldp receive	lldp receive	**Command Syntax** **lldp receive** **no lldp receive** **default lldp receive**
lldp reinit	lldp reinit	**Command Syntax** **lldp reinit** *delay* **no lldp reinit** **default lldp reinit** **Parameters** • *delay* the amount of time the device should wait before re-initialization is attempted. Value ranges from 1 to 20 seconds; default value is 2 seconds.

Appx63243

Appx63243

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

lldp run	lldp run	**Command Syntax**
		`lldp run`
		`no lldp run`
		`default lldp run`

lldp timer	lldp timer	**Command Syntax**
		`lldp timer` *transmission_time*
		`no lldp timer`
		`default lldp timer`

Appx63244

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

lldp tlv-select	lldp tlv-select	**Command Syntax**
		`lldp tlv-select TLV_NAME`
		`no lldp tlv-select TLV_NAME`
		`default lldp tlv-select TLV_NAME`
		Parameters
		• *TLV_NAME* Options include:
		— **link-aggregation** specifies the link aggregation TLV.
		— **management-address** specifies the management address TLV.
		— **max-frame-size** specifies the Frame size TLV.
		— **port-description** specifies the port description TLV.
		— **port-vlan** specifies the port VLAN ID TLV.
		— **system-capabilities** specifies the system capabilities TLV.
		— **system-description** specifies the system description TLV.
		— **system-name** specifies the system name TLV.

lldp transmit	lldp transmit	**Command Syntax**
		`lldp transmit`
		`no lldp transmit`
		`default lldp transmit`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

load interval	load interval	**Command Syntax**
		`load-interval` *`delay`*
		`no load-interval`
		`default load-interval`
		Parameters
		• *delay* Load interval delay. Values range from 5 to 600 (seconds). Default value is 300 (five minutes).

log-adjacency-changes	log-adjacency-changes (OSPFv2)	**Command Syntax**
		`log-adjacency-changes`
		`log-adjacency-changes detail`
		`no log-adjacency-changes`
		`default log-adjacency-changes`

log-adjacency-changes (IS-IS)	log-adjacency-changes (IS-IS)	**Command Syntax**
		`log-adjacency-changes`
		`no log-adjacency-changes`
		`default log-adjacency-changes`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

log-adjacency-changes (OSPFv3)	log-adjacency-changes (OSPFv3)	**Command Syntax**
		`log-adjacency-changes [INFO_LEVEL]`
		`no log-adjacency-changes`
		`default log-adjacency-changes`
		Parameters
		• *INFO_LEVEL* Options include
		— <no parameter> Sends messages when a neighbor goes up or down.
		— **detail** Sends messages for all neighbor state changes.

logging host	logging host	**Command Syntax**
		`logging [VRF_INSTANCE] host syslog_host [PORT] [PROT_TYPE]`
		`no logging [VRF_INSTANCE] host syslog_host`
		`default logging [VRF_INSTANCE] host syslog_host`
		Parameters
		• *VRF_INSTANCE* specifies the VRF instance being modified.
		— <no parameter> changes are made to the default VRF.
		— **vrf** *vrf_name* changes are made to the specified user-defined VRF.
		• *syslog_host* remote syslog server location. Valid formats include hostname or IPv4 address.
		• *PORT* Remote syslog server port that handles syslog traffic. Options include:
		— <no parameter> Default port number 514.
		— <*1* to *65535*> Port number.
		• *PROT_TYPE* Specifies the transport protocol for packets. Options include:
		— <no parameter> Packets transported by User Datagram Protocol (UDP).
		— **protocol tcp** Packets transported by TCP.
		— **protocol udp** Packets transported by User Datagram Protocol (UDP).

Appx63247

Appx63247

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
mac access-group	mac access-group	**Command Syntax** **mac access-group** *list_name* ***DIRECTION*** **no mac access-group** *list_name* ***DIRECTION*** **default mac access-group** *list_name* ***DIRECTION*** **Parameters** • *list_name* name of MAC ACL. • ***DIRECTION*** transmission direction of packets, relative to interface. Valid options include: — **in** inbound packets. — **out** outbound packets.
mac access-list	mac access-list	**Command Syntax** **mac access-list** *list_name* **no mac access-list** *list_name* **default mac access-list** *list_name* **Parameters** • *list_name* Name of MAC ACL. Names must begin with an alphabetic character and cannot contain a space or quotation mark.
mac address-table aging-time	mac address-table aging-time	**Command Syntax** **mac-address-table aging-time** *period* **no mac-address-table aging-time** **default mac-address-table aging-time** **Parameters** • *period* MAC address table aging time. Default is 300 seconds. Options include: — **0** disables deletion of table entries on the basis of aging time. — **10** through **1000000** (one million) aging period (seconds).

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
mac address-table static	mac address-table static	**Command Syntax** **mac address-table static** *mac_address* **vlan** *v_num* ***DESTINATION*** **no mac address-table static** *mac_address* **vlan** *v_num* [***DESTINATION***] **default mac address-table static** *mac_address* **vlan** *v_num* [***DESTINATION***] **Parameters** • *mac_address* Table entry's MAC address (dotted hex notation – H.H.H). • *v_num* Table entry's VLAN. • ***DESTINATION*** Table entry's port list. For multicast MAC address entries, the command may contain multiple ports, listed in any order. The CLI accepts only one interface for unicast entries. — **drop** creates drop entry in table. Valid only for unicast addresses. — **interface ethernet** *e_range* Ethernet interfaces specified by *e_range*. — **interface port-channel** *p_range* Port channel interfaces specified by *p_range*. — <no parameter> Valid for **no** and **default** commands that remove multiple table entries. *e_range* and *p_range* formats include number, range, comma-delimited list of numbers and ranges.
mac-address	mac-address	**Command Syntax** **mac-address** *address* **no mac-address** **default mac-address** **Parameters** • *address* MAC address assigned to the interface. Format is dotted hex notation (H.H.H). Disallowed addresses are 0.0.0 and FFFF.FFFF.FFFF.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
maximum-paths	maximum-paths (OSPF)	**Command Syntax** **maximum-paths** *paths* **no maximum-paths** **default maximum-paths** **Parameters** • *paths* maximum number of parallel routes. Value ranges from 1 to the number of interfaces available per ECMP group, which is platform dependent. Arad: Value ranges from 1 to 128. Default value is 128. FM6000: Value ranges from 1 to 32. Default value is 32. PetraA: Value ranges from 1 to 16. Default value is 16. Trident: Value ranges from 1 to 32. Default value is 32. Trident-II: Value ranges from 1 to 128. Default value is 128.
maximum-paths (OSPFv3)	maximum-paths (OSPFv3)	**Command Syntax** **maximum-paths** *paths* **no maximum-paths** **default maximum-paths** **Parameters** • *paths* Value range is platform dependent: Arad: Value ranges from 1 to 128. Default value is 128. FM6000: Value ranges from 1 to 32. Default value is 32. PetraA: Value ranges from 1 to 16. Default value is 16. Trident: Value ranges from 1 to 32. Default value is 32. Trident-II: Value ranges from 1 to 128. Default value is 128.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor activate	neighbor activate	**Command Syntax** **neighbor *NEIGHBOR_ID* activate** **no neighbor *NEIGHBOR_ID* activate** **default neighbor *NEIGHBOR_ID* activate** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.
neighbor allowas-in	neighbor allowas-in	**Command Syntax** **neighbor *NEIGHBOR_ID* allowas-in** [*asn_quantity*] **no neighbor *NEIGHBOR_ID* allowas-in** **default neighbor *NEIGHBOR_ID* allowas-in** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *asn_quantity* Number of switches (ASN) allowed in path. Values range from 1 to 10. Default is 3.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor default-originate	neighbor default-originate	**Command Syntax** **neighbor *NEIGHBOR_ID* default-originate [*MAP*]** **no neighbor *NEIGHBOR_ID* default-originate** **default neighbor *NEIGHBOR_ID* default-originate** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • ***MAP*** specifies route map that modifies attributes of the exported default route. Options include: — <no parameter> attributes are not modified by a route map. — **route-map** *map_name* attributes set by specified route map are assigned to the exported default route.
neighbor description	neighbor description	**Command Syntax** **neighbor *NEIGHBOR_ID* description** *description_string* **no neighbor *NEIGHBOR_ID* description** **default neighbor *NEIGHBOR_ID* description** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Options include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *description_string* text string to be associated with the neighbor or peer group.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

neighbor ebgp-multihop	neighbor ebgp-multihop	**Command Syntax**
		`neighbor NEIGHBOR_ID ebgp-multihop [hop_number]`
		`no neighbor NEIGHBOR_ID ebgp-multihop`
		`default neighbor NEIGHBOR_ID ebgp-multihop`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *hop_number* time-to-live (hops). Values range from 1 to 255. Default value is 255.

neighbor fall-over bfd	neighbor fall-over bfd	**Command Syntax**
		`neighbor NEIGHBOR_ID fall-over bfd`
		`no neighbor NEIGHBOR_ID fall-over bfd`
		`default neighbor NEIGHBOR_ID fall-over bfd`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor local-as	neighbor local-as	**Command Syntax** **neighbor *NEIGHBOR_ID* local-as** *as_id* **no-prepend replace-as** **no neighbor** *NEIGHBOR_ID* **local-as** **default neighbor** *NEIGHBOR_ID* **local-as** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *as_id* AS number that is prepended to the AS_PATH attribute. Values range from 1 to 4294967295. This parameter cannot be set to AS numbers from the local BGP routing process or the network of the remote peer.
neighbor next-hop-self	neighbor next-hop-self	**Command Syntax** **neighbor *NEIGHBOR_ID* next-hop-self** **no neighbor *NEIGHBOR_ID* next-hop-self** **default neighbor *NEIGHBOR_ID* next-hop-self** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

neighbor password	neighbor password	**Command Syntax**
		`neighbor NEIGHBOR_ID password [ENCRYPT_LEVEL] key_text`
		`no neighbor NEIGHBOR_ID password`
		`default neighbor NEIGHBOR_ID password`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *ENCRYPT_LEVEL* the encryption level of the *key_text* parameter. Values include:
		— <no parameter> indicates the *key_text* is in clear text.
		— **0** indicates *key_text* is in clear text. Equivalent to the <no parameter> case.
		— **7** indicates *key_text* is md5 encrypted.
		• *key_text* the password.

neighbor peer-group (assigning members)	neighbor peer-group (neighbor assignment)	**Command Syntax**
		`neighbor NEIGHBOR_ADDR peer-group group_name`
		`no neighbor NEIGHBOR_ADDR peer-group`
		`default neighbor NEIGHBOR_ADDR peer-group`
		Parameters
		• *NEIGHBOR_ADDR* Address of a neighbor being added to peer group. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		• *group_name* peer group name.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor peer-group (creating)	neighbor peer-group (create)	**Command Syntax** **neighbor** *group_name* **peer-group** **no neighbor** *group_name* **peer-group** **default neighbor** *group_name* **peer-group** **Parameters** • *group_name* peer group name.
neighbor remote-as	neighbor remote-as	**Command Syntax** **neighbor** ***NEIGHBOR_ID*** **remote-as** *as_id* **no neighbor** ***NEIGHBOR_ID*** **remote-as** **default neighbor** ***NEIGHBOR_ID*** **remote-as** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *as_id* Autonomous system (AS) of the peer. Values range from 1 to 4294967295.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor remove-private-as	neighbor remove-private-as	**Command Syntax** **neighbor *NEIGHBOR_ID* remove-private-as [*REMOVAL*]** **no neighbor *NEIGHBOR_ID* remove-private-as** **default neighbor *NEIGHBOR_ID* remove-private-as** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • ***REMOVAL*** Specifies removal of private autonomous AS number when path includes both private and public numbers. Values include: — <no parameter> private AS numbers is not removed. — *all* removes all private AS numbers from AS path in outbound updates. — *all replace-as* all private AS numbers in AS path are replaced with router's local AS number.
neighbor route-map	neighbor route-map (BGP)	**Command Syntax** **neighbor *NEIGHBOR_ID* route-map *map_name* *DIRECTION*** **no neighbor *NEIGHBOR_ID* route-map *map_name* *DIRECTION*** **default neighbor *NEIGHBOR_ID* route-map *map_name* *DIRECTION*** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *map_name* name of a route map. • ***DIRECTION*** routes to which the route map is applied. Options include: — **in** route map is applied to inbound routes. — **out** route map is applied to outbound routes.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor route-reflector-client	neighbor route-reflector-client	**Command Syntax** **neighbor** *NEIGHBOR_ID* **route-reflector-client** **no neighbor** *NEIGHBOR_ID* **route-reflector-client** **default neighbor** *NEIGHBOR_ID* **route-reflector-client** **Parameters** • ***NEIGHBOR_ID*** IP address of neighbor. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.
neighbor send-community	neighbor send-community	**Command Syntax** **neighbor** *NEIGHBOR_ID* **send-community** **no neighbor** *NEIGHBOR_ID* **send-community** **default neighbor** *NEIGHBOR_ID* **send-community** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

neighbor shutdown	neighbor shutdown	**Command Syntax**
		`neighbor NEIGHBOR_ID shutdown`
		`no neighbor NEIGHBOR_ID shutdown`
		`default neighbor NEIGHBOR_ID shutdown`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.

neighbor soft-reconfiguration	neighbor soft-reconfiguration	**Command Syntax**
		`neighbor NEIGHBOR_ID soft-configuration inbound [SCOPE]`
		`no neighbor NEIGHBOR_ID soft-configuration inbound`
		`default neighbor NEIGHBOR_ID soft-configuration inbound`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *SCOPE* determines how routes including the switch's AS number are handled. Values include:
		— <no parameter> routes including the switch's AS number are discarded.
		— **all** routes including the switch's AS number are retained.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
neighbor timers	neighbor timers	**Command Syntax** **neighbor *NEIGHBOR_ID* timers** *keep_alive hold_time* **no neighbor *NEIGHBOR_ID* timers** **default neighbor *NEIGHBOR_ID* timers** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name. • *keep_alive* keepalive period, in seconds. Values include — **0** keepalive messages are not sent — **1** to **3600** keepalive time (seconds). • *hold_time* hold time. Values include — **0** peering is not disabled by timeout expiry; keepalive packets are not sent. — **3** to **7200** hold time (seconds).
neighbor transport connection-mode	neighbor transport connection-mode	**Command Syntax** **neighbor** *NEIGHBOR_ID* **transport connection-mode passive** **no neighbor** *NEIGHBOR_ID* **transport connection-mode** **default neighbor** *NEIGHBOR_ID* **transport connection-mode** **Parameters** • ***NEIGHBOR_ID*** IP address or peer group name. Values include: — *ipv4_addr* neighbor's IPv4 address. — *ipv6_addr* neighbor's IPv6 address. — *group_name* peer group name.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

neighbor update-source	neighbor update-source	**Command Syntax**
		`neighbor NEIGHBOR_ID update-source INTERFACE`
		`no neighbor NEIGHBOR_ID update-source`
		`default neighbor NEIGHBOR_ID update-source`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *INTERFACE* Interface type and number. Options include:
		— **ethernet** *e_num* Ethernet interface specified by *e_num*.
		— **loopback** *l_num* loopback interface specified by *l_num*.
		— **management** *m_num* management interface specified by *m_num*.
		— **port-channel** *p_num* port channel interface specified by *p_num*.
		— **vlan** *v_num* VLAN interface specified by *v_num*.

neighbor weight	neighbor weight	**Command Syntax**
		`neighbor NEIGHBOR_ID weight weight_value`
		`no neighbor NEIGHBOR_ID weight`
		`default neighbor NEIGHBOR_ID weight`
		Parameters
		• *NEIGHBOR_ID* IP address or peer group name. Values include:
		— *ipv4_addr* neighbor's IPv4 address.
		— *ipv6_addr* neighbor's IPv6 address.
		— *group_name* peer group name.
		• *weight_value* weight value. Values range from 1 to 65535.

Appx63261

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
network area	network area (OSPFv2)	**Command Syntax** **network** *ipv4_subnet* **area** *area_id* **no network** *ipv4_subnet* **area** *area_id* **default network** *ipv4_subnet* **area** *area_id* **Parameters** • *ipv4_subnet* IPv4 subnet. Entry formats include address-prefix (CIDR) or address-wildcard mask. ***running-config*** stores value in CIDR notation. • *area_id* area number. <**0** to **4294967295**> or <**0.0.0.0** to **255.255.255.255**> ***Running-config*** stores value in dotted decimal notation.
no snmp-server	no snmp-server	**Command Syntax** **no snmp-server** **default snmp-server**
ntp authenticate	ntp authenticate	**Command Syntax** **ntp authenticate** **no ntp authenticate** **default ntp authenticate**

Appx63262

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ntp authentication-key	ntp authentication-key	**Command Syntax** **ntp authentication-key** *key_id* ***ENCRYPT_TYPE*** *password_text* **no ntp authentication-key** *key_id* **default ntp authentication-key** *key_id* **Parameters** • *key_id* key ID number. Value ranges from 1 to 65534. • ***ENCRYPT_TYPE*** encryption method. Values include: — **md5** *key_text* is MD5 encrypted. — **sha1** *key_text* is SHA-1 encrypted. • *password_text* the authentication-key password.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
ntp server	ntp server	**Command Syntax** **ntp server** [*VRF_INSTANCE*] *SERVER_NAME* [*PREFERENCE*][*NTP_VERSION*][*IP_SOURCE*][**burst**] [**iburst**][*AUTH_KEY*][*MAX_POLL_INT*] [*MIN_POLL_INT*] **no ntp [server** [*VRF_INSTANCE*] *SERVER_NAME*] **default ntp [server** [*VRF_INSTANCE*] *SERVER_NAME*] All parameters except ***VRF_INSTANCE*** and ***SERVER_NAME*** can be placed in any order. **Parameters** • ***VRF_INSTANCE*** the VRF instance to be used for connection to the specified server. — <no parameter> connects using the default VRF. — **vrf** *vrf_name* connects using the specified user-defined VRF. • ***SERVER_NAME*** NTP server location. Options include: — *IP address* in dotted decimal notation — an FQDN host name • ***PREFERENCE*** indicates priority of this server when the switch selects a synchronizing server. — <no parameter> server has no special priority. — **prefer** server has priority when the switch selects a synchronizing server. • ***NTP_VERSION*** specifies the NTP version. Settings include: — <no parameter> sets NTP version to 4 (default). — **version** *number,* where *number* ranges from 1 to 4. • ***IP_SOURCE*** specifies the source interface for NTP updates for the specified NTP server. This option overrides global settings created by the **ntp source** command. Options include: — <no parameter> sets the source interface to the global default. — **source ethernet** *e_num* Ethernet interface specified by *e_num*. — **source loopback** *l_num* loopback interface specified by *l_num*. — **source management** *m_num* management interface specified by *m_num*. — **source port-channel** *p_num* port-channel interface specified by *p_num*. — **source vlan** *v_num* VLAN interface specified by *v_num*. • **burst** indicates that when the NTP server is reached, the switch sends packets to the server in bursts of eight instead of the usual one. Recommended only for local servers. Off by default.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		• **iburst** indicates that the switch sends packets to the server in bursts of eight instead of the usual one until the server is reached. Recommended for general use to speed synchronization. Off by default. • ***AUTH_KEY*** the authentication key to use in authenticating NTP packets from the server. — <no parameter> no authentication key is specified. — **key <1 to 65534>** switch will use the specified key to authenticate NTP packets from the server. • ***MAX_POLL_INT*** specifies the maximum polling interval for the server (as the base-2 logarithm of the interval in seconds). Settings include: — <no parameter> sets the maximum polling interval to 10 (1,024 seconds, the default). — **maxpoll** *number*, where *number* is the base-2 logarithm of the interval in seconds. Values range from 3 (8 seconds) to 17 (131,072 seconds, approximately 36 hours). • ***MIN_POLL_INT*** specifies the minimum polling interval for the server (as the base-2 logarithm of the interval in seconds). Settings include: — <no parameter> sets the minimum polling interval to 6 (64 seconds, the default). — **minpoll** *number* where *number* is the base-2 logarithm of the interval in seconds. Values range from 3 (8 seconds) to 17 (131,072 seconds, approximately 36 hours).

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

ntp source	ntp source	**Command Syntax**
		`ntp source [VRF_INSTANCE] INT_PORT`
		`no ntp source`
		`default ntp source`
		Parameters
		• *VRF_INSTANCE* the VRF instance to be used for connection to the specified server.
		— <no parameter> connects using the default VRF.
		— **vrf** *vrf_name* connects using the specified user-defined VRF.
		• *INT_PORT* the interface port that specifies the NTP source. Settings include:
		— **ethernet** *e_range* Ethernet interface list.
		— **loopback** *l_range* loopback interface list.
		— **management** *m_range* management interface list.
		— **port-channel** *c_range* port channel interface list.
		— **vlan** *v_range* VLAN interface list.

ntp trusted-key	ntp trusted-key	**Command Syntax**
		`ntp trusted-key key_list`
		`no ntp trusted-key`
		`default ntp trusted-key`
		Parameters
		• *key_list* specified one or more keys. Formats include a number (1 to 65534), number range, or comma-delimited list of numbers and ranges.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

passive-interface	passive-interface <interface> (OSPFv2)	**Command Syntax**
		`passive-interface INTERFACE_NAME`
		`no passive-interface INTERFACE_NAME`
		`default passive-interface INTERFACE_NAME`
		Parameters
		• *INTERFACE_NAME* interface to be configured. Options include:
		— **ethernet** *e_range*
		— **port-channel** *p_range*
		— **vlan** *v_range*
		— **vxlan** *vx_range*

passive-interface (OSPFv3)	passive-interface (OSPFv3)	**Command Syntax**
		`passive-interface INTERFACE_NAME`
		`no passive-interface INTERFACE_NAME`
		`default passive-interface INTERFACE_NAME`
		Parameters
		• *INTERFACE_NAME* Options include:
		— **ethernet** *e_range*
		— **loopback** *l_range*
		— **management** *m_range*
		— **port-channel** *p_range*
		— **vlan** *v_range*
		— **vxlan** *vx_range*
		— **default**
		Valid *e_range*, *l_range*, *m_range*, *p_range v_range*, and *vx_range* formats include number, range, or comma-delimited list of numbers and ranges.

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Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)

passive-interface default	passive-interface default (OSPFv2)	**Command Syntax**
		`passive-interface default`
		`no passive-interface default`
		`default passive-interface default`

policy-map type control-plane	policy-map type control-plane	**Command Syntax**
		`policy-map type control-plane copp-system-policy`
		`no policy-map type control-plane copp-system-policy`
		`default policy-map type control-plane copp-system-policy`
		copp-system-policy is supplied with the switch and is the only valid control plane policy map.

policy-map type qos	policy-map type qos	**Command Syntax** `policy-map [type qos]` *map_name* `no policy-map [type qos]` *map_name* `default policy-map [type qos]` *map_name* **policy-map** *map_name* and **policy-map type qos** *map_name* are identical commands. **Parameters** • *map_name* Name of policy map.

Appx63268

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
port-channel load-balance	port-channel load-balance	**Command Syntax** **port-channel load-balance** *platform* { *hash_seed* | **fields ip** *fields* | **hash** *hash_function* } **no port-channel load-balance** *platform* [*hash_seed*] **default port-channel load-balance** *platform* [*hash_seed*] **Parameters** **er** Use the MAC hash. — **outer-mac** Use the outer MAC of source and destination in the hash.

Appx63269

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
		— **source-ip** Use the layer 3 IP source address in the hash. — **src-ip** Use the source IP address in the hash. — **source-port** Use layer 4 TCP/UDP source port in the hash. — **src-mac** Use the source payload MAC in the hash (or the source MAC address in the MAC hash). • *hash_function* Specifies the hash polynomial function. Values range from 0-2.
port-channel min-links	port-channel min-links	**Command Syntax** **port-channel min-links** *quantity* **no port-channel min-links** **default port-channel min-links** **Parameters** • *quantity* minimum number of interfaces. Value range varies by platform. Default value is 0.
priority1	ptp priority1	**Command Syntax** **ptp priority1** *priority_rate* **no ptp priority1** **default ptp priority1** **Parameters** • *priority_rate* Value ranges from 0 to 255. Default is 128.

Appx63270

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
priority2	ptp priority2	**Command Syntax** **ptp priority2** *priority_rate* **no ptp priority2** **default ptp priority2** **Parameters** • *priority_rate* Specifies the priority 2 level for the PTP clock. Value ranges from 0 to 255; default value is 128.
priority-flow-control mode	priority-flow-control mode	**Command Syntax** **priority-flow-control mode on** **no priority-flow-control mode [on]** **default priority-flow-control mode [on]**
private-vlan	private-vlan	**Command Syntax** **private-vlan [*VLAN_TYPE*] primary vlan** *v_num* **no private-vlan** **default private-vlan** **Parameters** • *VLAN_TYPE* private VLAN type. Options include: — **community** community private VLAN. — **isolated** isolated private VLAN. • *v_num* VLAN ID of primary VLAN to which the configuration mode VLAN is bound.

Appx63271

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
private-vlan mapping	private-vlan mapping	**Command Syntax** **private-vlan mapping *EDIT_ACTION*** **no private-vlan mapping** **default private-vlan mapping** **Parameters** • ***EDIT_ACTION*** modifications to the VLAN list. — *v_range* Creates VLAN list from *v_range*. — **add** *v_range* Adds specified VLANs to current list. — **except** *v_range* VLAN list contains all VLANs except those specified. Valid *v_range* formats include number, range, or comma-delimited list of numbers and ranges.
ptp domain	ptp domain	**Command Syntax** **ptp domain** *domain_number* **no ptp domain** **default ptp domain** **Parameters** • *domain_number* Value ranges from 0 to 255.
ptp sync interval	ptp sync interval	**Command Syntax** **ptp sync interval** *log_interval* **no ptp sync interval** **default ptp sync interval** **Parameters** • *log_interval* The interval between PTP synchronization messages sent from the master to the slave (base 2 log(seconds)). Values range from -1 to 3; default value is 0 (1 second).

Appx63272

Appx63272

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server deadtime	radius-server deadtime	**Command Syntax** **radius-server deadtime** *dead_interval* **no radius-server deadtime** **default radius-server deadtime** **Parameters** • *dead_interval* period that the switch ignores non-responsive servers (minutes). Value ranges from 1 to 1000. Default is 3.

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server host	radius-server host	**Command Syntax** **`radius-server host ADDR [VRF_INST] [AUTH] [ACCT] [TIMEOUT] [DEAD] [RETRAN] [ENCRYPT]`** **`no radius-server host [ADDR] [VRF_INST] [AUTH] [ACCT]`** **`default radius-server host [ADDR] [VRF_INST] [AUTH] [ACCT]`** **Parameters** • ***ADDR*** RADIUS server location. Options include: — *ipv4_addr* server's IPv4 address. — *host_name* server's DNS host name (FQDN). • ***VRF_INST*** specifies the VRF instance used to communicate with the specified server. — <no parameter> switch communicates with the server using the default VRF. — **vrf** *vrf_name* switch communicates with the server using the specified user-defined VRF. • ***AUTH*** Authorization port number. — <no parameter> default port of 1812. — **auth-port** *number* *number* ranges from 1 to 65535. • ***ACCT*** Accounting port number. — <no parameter> default port of 1813. — **acct-port** *number* *number* ranges from 1 to 65535. • ***TIMEOUT*** timeout period (seconds). Ranges from 1 to 1000. — <no parameter> assigns global timeout value (see **radius-server timeout**). — **timeout** *number* assigns *number* as the timeout period. Ranges from 1 to 1000. • ***DEAD*** period (minutes) when the switch ignores a non-responsive RADIUS server. — <no parameter> assigns global deadtime value (see **radius-server deadtime**). — **deadtime** *number* specifies deadtime, where *number* ranges from 1 to 1000. • ***RETRAN*** attempts to access RADIUS server after the first timeout expiry. — <no parameter> assigns global retransmit value (see **radius-server retransmit**). — **retransmit** *number* specifies number of attempts, where *number* ranges from 1 to 100. • ***ENCRYPT*** encryption key that switch and server use to communicate. — <no parameter> assigns global encryption key (see **radius-server key**). — **key** *key_text* where *key_text* is in clear text. — **key 5** *key_text* where *key_text* is in clear text. — **key 7** *key_text* where *key_text* is in an encrypted string.

Appx63274

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server key	radius-server key	**Command Syntax** **radius-server key** [***ENCRYPT_TYPE***] *encrypt_key* **no radius-server key** **default radius-server key** **Parameters** • ***ENCRYPT_TYPE*** encryption level of *encrypt_key.* — <no parameter> encryption key is entered as clear text. — **0** encryption key is entered as clear text. Equivalent to <no parameter>. — **7** *encrypt_key* is an encrypted string. • *encrypt_key* shared key that authenticates the username. — *encrypt_key* must be in clear text if ***ENCRYPT_TYPE*** specifies clear text. — *encrypt_key* must be an encrypted string if ***ENCRYPT_TYPE*** specifies an encrypted string. Encrypted strings entered through this parameter are generated elsewhere.
radius-server retransmit	radius-server retransmit	**Command Syntax** **radius-server retransmit** *count* **no radius-server retransmit** **default radius-server retransmit** **Parameters** • *count* retransmit attempts after first timeout expiry. Settings range from 1 to 100. Default is 3.

Appx63275

Appx63275

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
radius-server timeout	radius-server timeout	**Command Syntax** **radius-server timeout** *time_period* **no radius-server timeout** **default radius-server timeout** **Parameters** • *time_period* timeout period (seconds). Range from 1 to 1000. Default is 5.
redundancy force-switchover	redundancy force-switchover	**Command Syntax** **redundancy force-switchover**

Appx63276

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
route-map	route-map	**Command Syntax** **route-map** *map_name* [***FILTER_TYPE***] [*sequence_number*] **no route-map** *map_name* [***FILTER_TYPE***] [*sequence_number*] **default route-map** *map_name* [***FILTER_TYPE***] [*sequence_number*] **Parameters** • *map_name* label assigned to route map. Protocols reference this label to access the route map. • ***FILTER_TYPE*** disposition of routes matching conditions specified by route map clause. — **permit** routes are redistributed when they match route map clause. — **deny** routes are not redistributed when they match route map clause. — <No parameter> assigns **permit** as the ***FILTER_TYPE***. When a route does not match the route map criteria, the next clause within the route map is evaluated to determine the redistribution action for the route. • *sequence_number* the route map position relative to other clauses with the same name. — <no parameter> sequence number of 10 (default) is assigned to the route map. — <1-16777215> specifies sequence number assigned to route map.
router bgp	router bgp	**Command Syntax** **router bgp** *as_id* **no router bgp** **default router bgp** **Parameters** • *as_id* Autonomous system (AS) number. Values range from 1 to 4294967295.

Appx63277

Appx63277

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
router isis	router isis	**Command Syntax** **router isis** *instance_name* [***VRF_INSTANCE***] **no router isis** *instance_name* **default router isis** *instance_name* **Parameters** • *instance_name* routing instance. • *VRF_INSTANCE* — <no parameter> — **vrf** *vrf_name*
router ospf	router ospf	**Command Syntax** **router ospf** *process_id* [***VRF_INSTANCE***] **no router ospf** *process_id* [***VRF_INSTANCE***] **default router ospf** *process_id* [***VRF_INSTANCE***] **Parameters** • *process_id* OSPFv2 process ID. Values range from 1 to 65535. • *VRF_INSTANCE* — <no parameter> — **vrf** *vrf_name*
router rip	router rip	**Command Syntax** **router rip** **no router rip** **default router rip**

Appx63278

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
router-id	router-id (OSPFv2)	**Command Syntax** **router-id** *identifier* **no router-id** [*identifier*] **default router-id** [*identifier*] **Parameters** • *identifier* Value ranges from 0.0.0.0 to 255.255.255.255.
router-id (OSPFv3)	router-id (OSPFv3)	**Command Syntax** **router-id** *identifier* **no router-id** **default router-id** **Parameters** • *identifier* Value ranges from 0.0.0.0 to 255.255.255.255 (dotted decimal notation).
routing-context vrf	routing-context vrf	**Command Syntax** **routing-context vrf** [***VRF_ID***] **Parameters** • ***VRF_ID*** Name of VRF assigned as the current VRF scope. Options include: — *vrf_name* Name of user-defined VRF. — **default** System-default VRF.

Appx63279

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
service sequence-numbers	service sequence-numbers	**Command Syntax** **service sequence-numbers** no service sequence-numbers default service sequence-numbers
set-overload-bit	set-overload-bit	**Command Syntax** **set-overload-bit** ***TIMING*** **no set-overload-bit** **default set-overload-bit** **Parameters** • *TIMING* Options include: — <no parameter> — **on-startup** <*1* to *3600*>
show aaa method-lists	show aaa method-lists	**Command Syntax** **show aaa method-lists** ***SERVICE_TYPE*** **Parameters** • *SERVICE_TYPE* the service type of the method lists that the command displays. — **accounting** accounting services. — **authentication** authentication services. — **authorization** authorization services. — **all** accounting, authentication, and authorization services.

Appx63280

Appx63280

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show aaa sessions	show aaa sessions	**Command Syntax** `show aaa sessions`

Appx63281

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show arp	show arp	**Command Syntax** **`show arp`** [***`VRF_INST`***] [***`FORMAT`***] [***`HOST_ADD`***] [***`HOST_NAME`***] [***`INTF`***] [***`MAC_ADDR`***] [***`DATA`***] **Parameters** The ***VRF_INST*** and ***FORMAT*** parameters are always listed first and second. The ***DATA*** parameter is always listed last. All other parameters can be placed in any order. • ***VRF_INST*** specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • ***FORMAT*** Display format of host address. Options include: — <no parameter> entries associate hardware address with an IPv4 address. — **resolve** entry associate hardware address with a host name (if it exists). • ***HOST_ADD*** IPv4 address by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host address. — *ipv4_addr* table entries matching specified IPv4 address. • ***HOST_NAME*** Host name by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host name. — **host** *hostname* entries matching *hostname* (text). • ***INTF*** interfaces for which command displays status. — <no parameter> Routing table entries are not filtered by interface. — **interface ethernet** *e_num* Routed Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Routed loopback interface specified by *l_num*. — **interface management** *m_num* Routed management interface specified by *m_num*. — **interface port-channel** *p_num* Routed port channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*. — **interface vxlan** *vx_num* VXLAN interface specified by *vx_num*. • ***MAC_ADDR*** MAC address by which routing table entries are filtered. Options include: — <no parameter> Routing table entries are not filtered by interface MAC address. — **mac_address** *mac_address* entries matching *mac_address* (dotted hex notation – H.H.H). • ***DATA*** Detail of information provided by command. Options include: — <no parameter> Routing table entries. — **summary** Summary of ARP table entries. — **summary total** Number of ARP table entries.

Appx63282

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show bfd neighbors	show bfd neighbors	**Command Syntax** `show bfd neighbors [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> command displays data block for each specified interface. — **detail** command displays table that summarizes interface data. **Display Values** • **DstAddr** IP address of the BFD neighbor. • **MyDisc** Local discriminator value of the BFD session. • **YoDisc** Neighbor's discriminator value for the BFD session. • **If** Interface to which the neighbor is connected. • **LUp** Last up. • **LDown** Last down. • **Ldiag** Diagnostic for the last change in session state. • **State** State of the BFD session. • **TxInt** Transmit interval of the local interface. • **RxInt** Minimum receive interval set on the local interface. • **Multiplier** Local multiplier (number of packets that must be missed to declare session down). • **Received RxInt** Minimum receive interval set on the neighbor interface. • **Received Multiplier** Neighbor's multiplier (number of packets that must be missed to declare session down). • **Rx Count** BFD control packets transmitted. • **Tx Count** BFD control packets received. • **Detect Time** Total time in milliseconds it takes for BFD to detect connection failure. • **Registered Protocols** Protocols using BFD with this neighbor.

Appx63283

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show clock	show clock	**Command Syntax** `show clock`
show dot1q-tunnel	show dot1q-tunnel	**Command Syntax** `show dot1q-tunnel [INTERFACE]` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid *range* formats include number, number range, or comma-delimited list of numbers and ranges.

Appx63284

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show dot1x	show dot1x	**Command Syntax** `show dot1x INTERFACE_NAME INFO` **Parameters** • *INTERFACE_NAME* Interface type and number. Options include: — **all** Display information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. • *INFO* Type of information the command displays. Values include: — <no parameter> displays summary of the specified interface. — **detail** displays all 802.1x information for the specified interface.
show dot1x all summary	show dot1x all summary	**Command Syntax** `show dot1x all summary`

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show dot1x statistics	show dot1x statistics	**Command Syntax** `show dot1x INTERFACE_NAME statistics` **Parameters** • *INTERFACE_NAME* Interface type and number. Options include: — **all** Display information for all interfaces. — **ethernet** *e_num* Ethernet interface specified by *e_num*. — **loopback** *l_num* Loopback interface specified by *l_num*. — **management** *m_num* Management interface specified by *m_num*. — **port-channel** *p_num* Port-Channel Interface specified by *p_num*. — **vlan** *v_num* VLAN interface specified by *v_num*. **Output Fields** • RxStart Number of EAPOL-Start frames received on the port. • TxReqId Number of EAP-Request/Identity frames transmitted on the port. • RxVersion Version number of the last EAPOL frame received on the port. • RxLogoff Number of EAPOL-Logoff frames received on the port. • RxInvalid Number of invalid EAPOL frames received on the port. • TxReq Number of transmitted EAP-Request frames that were not EAP-Request/Identity. • LastRxSrcMAC The source MAC address in the last EAPOL frame received on the port. • RxRespId The number of EAP-Response/Identity frames received on the port • RxTotal The total number of EAPOL frames transmitted on the port. • TxTotal The total number of EAPOL frames transmitted on the port.

Appx63286

Appx63286

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment all	show environment all	**Command Syntax** `show environment all`

Appx63287

Appx63287

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment cooling	show environment cooling	**Command Syntax** `show environment cooling [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* specifies level of detail that the command displays. Options include: — <no parameter> displays the fan status, air flow direction, and ambient switch temperature. — **detail** also displays actual and configured fan speed of each fan. **Display Values** • **System cooling status**: — *Ok* no more than one fan has failed or is not inserted. — *Insufficient fans* more than one fan has failed or is not inserted. This status is also displayed if fans with different airflow directions are installed. The switch shuts down if the error is not resolved. • **Ambient temperature** temperature of the surrounding area. • **Airflow** indicates the direction of the installed fans: — *front-to-back* all fans flow air from the front to the rear of the chassis. — *back-to-front* all fans flow air from the rear to the front of the chassis. — *incompatible fans* fans with different airflow directions are inserted. — *Unknown* The switch is initializing. • **Fan Tray Status** table displays the status and operating speed of each fan. Status values indicate the following conditions: — *OK* The fan is operating normally. — *Failed* The fan is not operating normally. — *Unknown* The system is initializing. — *Not Inserted* The system is unable to detect the specified fan. — *Unsupported* The system detects a fan that the current software version does not support.

Appx63288

Appx63288

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment power	show environment power	**Command Syntax** `show environment power [INFO_LEVEL]` **Parameters** • *INFO_LEVEL* specifies level of detail that the command displays. Options include: — <no parameter> displays current and power levels for each supply. — **detail** also includes status codes that can report error conditions.

Appx63289

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show environment temperature	show environment temperature	**Command Syntax** `show environment temperature [MODULE_NAME][INFO_LEVEL]` **Parameters** • *MODULE_NAME* Specifies modules for which data is displayed. This parameter is only available on modular switches. Options include: — <no parameter> All modules (identical to **all** option). — **fabric** *fab_num* Specified fabric module. Number range varies with switch model. — **linecard** *line_num* Linecard module. Number range varies with switch model. — **supervisor** *super_num* Supervisor module. Number range varies with switch model. — *mod_num* Supervisor (1 to 2) or linecard (3 to 18) module. — **all** All modules. • *INFO_LEVEL* specifies level of detail that the command displays. Options include: — <no parameter> displays table that lists the temperature and thresholds of each sensor. — **detail** displays data block for each sensor listing the current temperature and historic data. **Display Values** • **System temperature status** is the first line that the command displays. Values report the following: — ***Ok*** All sensors report temperatures below the alert threshold. — ***Overheating*** At least one sensor reports a temperature above its alert threshold. — ***Critical*** At least one sensor reports a temperature above its critical threshold. — ***Unknown*** The switch is initializing. — ***Sensor Failed*** At least one sensor is not functioning.

Appx63290

Appx63290

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show etherchannel	show etherchannel	**Command Syntax** `show etherchannel [MEMBERS] [PORT_LIST] [INFO_LEVEL]` **Parameters** • *MEMBERS* list of port channels for which information is displayed. Options include: — <no parameter> all configured port channels. — *p_range* ports in specified channel list (number, number range, or list of numbers and ranges). • *PORT_LEVEL* ports displayed, in terms of aggregation status. Options include: — <no parameter> Displays information on ports that are active members of the LAG. — **active-ports** Displays information on ports that are active members of the LAG. — **all-ports** Displays information on all ports (active or inactive) configured for LAG. • *INFO_LEVEL* amount of information that is displayed. Options include: — <no parameter> Displays information at the brief level. — **brief** Displays information at the brief level. — **detailed** Displays information at the detail level. **Display Values** • **Port Channel** Type and name of the port channel. • **Time became active** Time when the port channel came up. • **Protocol** Protocol operating on the port. • **Mode** Status of the Ethernet interface on the port. The status value is Active or Inactive. • **No active ports** Number of active ports on the port channel. • **Configured but inactive ports** Ports configured but that are not actively up. • **Reason unconfigured** Reason why the port is not part of the LAG.

Appx63291

Appx63291

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show hostname	show hostname	**Command Syntax** `show hostname`
show hosts	show hosts	**Command Syntax** `show hosts`
show interfaces	show interfaces	**Command Syntax** `show interfaces [INT_NAME]` **Parameters** • *INT_NAME* Interface type and numbers. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid range formats include number, number range, or comma-delimited list of numbers and ranges.

Appx63292

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces capabilities	show interfaces capabilities	**Command Syntax** `show interfaces [INTERFACE] capabilities` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges.
show interfaces description	show interfaces description	**Command Syntax** `show interfaces [INT_NAME] description` **Parameters** • *INT_NAME* Interface type and labels. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Range formats include number, number range, or comma-delimited list of numbers and ranges.

Appx63293

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces flowcontrol	show flowcontrol	**Command Syntax** **show flowcontrol** [***INTERFACE***] **show** [***INTERFACE***] **flowcontrol** **Parameters** • *INTERFACE* Interface type and number for which flow control data is displayed. — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interfaces in the specified range. — **management** *m_range* Management interfaces in the specified range. Valid *e_range* and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges.
show interfaces private-vlan mapping	show interfaces private-vlan mapping	**Command Syntax** **show interfaces** [***INT_NAME***] **private-vlan** mapping **Parameters** • *INT_NAME* Interface type and labels. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. — **vxlan** *vx_range* VXLAN interface range specified by *vx_range*. Valid range formats include number, number range, or comma-delimited list of numbers and ranges.

Appx63294

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces status	show interfaces status	**Command Syntax** `show interfaces [INTERFACE] status [STATUS_TYPE]` **Parameters** • ***INTERFACE*** Interface type and numbers. Options include: — <no parameter> All existing interfaces. — **ethernet** *e_range* Ethernet interfaces in the specified range. — **management** *m_range* Management interfaces in the specified range. — **port-channel** *p_range* All existing port-channel interfaces in the specified range. Valid *e_range*, *m_range*, and *p_range* formats include number, number range, or comma-delimited list of numbers and ranges. • ***STATUS_TYPE*** interface status upon which the command filters output. Options include: — <no parameter> command does not filter on interface status. — **connected** interfaces connected to another port. — **notconnect** unconnected interfaces that are capable of connecting to another port. — **disabled** interfaces that have been powered down or disabled. Command may include multiple status types (**connected notconnect disabled**), which can be placed in any order.

Appx63295

Appx63295

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces switchport	show interfaces switchport	**Command Syntax** **`show interfaces`** [***`INTERFACE`***] **`switchport`** **Parameters** • ***INTERFACE*** Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. Valid *e_range*, *l_range*, *m_range*, *p_range*, and *v_range* formats include number, number range, or comma-delimited list of numbers and ranges.

Appx63296

Appx63296

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces switchport backup	show interfaces switchport backup	**Command Syntax** `show interfaces [INTERFACE] switchport backup` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **loopback** *l_range* Loopback interface specified by *l_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. — **vlan** *v_range* VLAN interface range specified by *v_range*. Valid *e_range*, *l_range*, *m_range*, *p_range*, and *v_range* formats include number, number range, or comma-delimited list of numbers and ranges. **Display Values** • **State** Operational status of the interface. Values include: — ***Up*** Spanning tree mode is *backup*, interface status is ***up***. — ***Down*** Spanning tree mode is ***backup***, interface status is ***down***. — ***Inactive Configuration*** The spanning tree mode is not ***backup***. • **Forwarding vlans** VLANs forwarded by the interface. Depends on interface operation status and prefer option specified by the **switchport backup** command.

Appx63297

Appx63297

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show interfaces transceiver	show interfaces transceiver	**Command Syntax** `show interfaces [INTERFACE] transceiver [DATA_FORMAT]` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. Valid *e_range*, and *m_range* formats include number, number range, or comma-delimited list of numbers and ranges. • *DATA_FORMAT* format used to display the data. Options include: — <no parameter> table entries separated by tabs. — **csv** table entries separated by commas.
show interfaces trunk	show interfaces trunk	**Command Syntax** `show interfaces [INTERFACE] trunk` **Parameters** • *INTERFACE* Interface type and numbers. Options include: — <no parameter> Display information for all interfaces. — **ethernet** *e_range* Ethernet interface range specified by *e_range*. — **management** *m_range* Management interface range specified by *m_range*. — **port-channel** *p_range* Port-Channel Interface range specified by *p_range*. Valid *e_range*, *m_range*, and *p_range* formats include number, number range, or comma-delimited list of numbers and ranges.

Appx63298

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show inventory	show inventory	**Command Syntax** `show inventory`
show ip access-lists	show ip access-lists	**Command Syntax** `show ip access-list [LIST] [SCOPE]` **Parameters** • *LIST* name of lists to be displayed. Selection options include: — <no parameter> all IPv4 ACLs are displayed. — *list_name* specified IPv4 ACL is displayed. • *SCOPE* information displayed. Selection options include: — <no parameter> all rules in the specified lists are displayed. — **summary** the number of rules in the specified lists are displayed.

Appx63299

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip arp	show ip arp	**Command Syntax** **`show ip arp [VRF_INST][FORMAT][HOST_ADD][HOST_NAME][INTF][MAC_ADDR][DATA]`** **Parameters** The ***VRF_INST*** and ***FORMAT*** parameters are always listed first and second. The ***DATA*** parameter is always listed last. All other parameters can be placed in any order. • ***VRF_INST*** specifies the VRF instance for which data is displayed. — <no parameter> context-active VRF. — **vrf** *vrf_name* specifies name of VRF instance. System default VRF is specified by **default**. • ***FORMAT*** Display format of host address. Options include: — <no parameter> entries associate hardware address with an IPv4 address. — **resolve** entry associate hardware address with a host name (if it exists). • ***HOST_ADDR*** IPv4 address by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host address. — *ipv4_addr* table entries matching specified IPv4 address. • ***HOST_NAME*** Host name by which routing table entries are filtered. Options include: — <no parameter> routing table entries are not filtered by host name. — **host** *hostname* entries matching *hostname* (text). • ***INTERFACE_NAME*** interfaces for which command displays status. — <no parameter> Routing table entries are not filtered by interface. — **interface ethernet** *e_num* Routed Ethernet interface specified by *e_num*. — **interface loopback** *l_num* Routed loopback interface specified by *l_num*. — **interface management** *m_num* Routed management interface specified by *m_num*. — **interface port-channel** *p_num* Routed port channel Interface specified by *p_num*. — **interface vlan** *v_num* VLAN interface specified by *v_num*. — **interface vxlan** *vx_num* VXLAN interface specified by *vx_num*. • ***MAC_ADDR*** MAC address by which routing table entries are filtered. Options include: — <no parameter> Routing table entries are not filtered by interface MAC address. — **mac_address** *mac_address* entries matching *mac_address* (dotted hex notation – H.H.H). • ***DATA*** Detail of information provided by command. Options include: — <no parameter> Routing table entries. — **summary** Summary of ARP table entries. — **summary total** Number of ARP table entries.

Appx63300

Asserted Cisco Command Abstraction	Accused Arista Command Abstraction	Actual Documented Arista EOS Command Syntax (Arista EOS version 4.15.3F) (CSI-CLI-06302874)
show ip bgp	show ip bgp	**Command Syntax** `show ip bgp [FILTER] [VRF_INSTANCE]` **Parameters** • ***FILTER*** routing table entries that the command displays. Values include: — <no parameter> displays all routing table entries. Tabular format. — **detail** displays all routing table entries. Data block format. — *ipv4_addr* IPv4 host address. Data block format. — *ipv4_subnet* IPv4 subnet address. (CIDR notation). Data block format. — *ipv4_subnet* **detail** IPv4 subnet address. (CIDR notation). Data block format. — *ipv4_subnet* **longer-prefixes** IPv4 subnet address. (CIDR notation). Tabular format. — *ipv4_subnet* **longer-prefixes detail** IPv4 subnet address. (CIDR notation). Data block format. • ***VRF_INSTANCE*** specifies VRF instances. — <no parameter> displays routing table for context-active VRF. — **vrf** *vrf_name* displays routing table for the specified VRF. — **vrf all** displays routing table for all VRFs. — **vrf default** displays routing table for default VRF.

Appx63301

Appx63301